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### 1 [Accelerating corporate research in the development, application and deployment of human language technologies](#)

David Ferrucci, Adam Lally

May 2003 SEALTS '03: Proceedings of the HLT-NAACL 2003 workshop on Software engineering and architecture of language technology systems - Volume 8, Volume 8

Publisher: Association for Computational Linguistics

Full text available: [pdf\(234.84 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 22, Citation Count: 4

IBM Research has over 200 people working on Unstructured Information Management (UIM) technologies with a strong focus on HLT. Spread out over the globe they are engaged in activities ranging from natural language dialog to machine translation to bioinformatics ...

### 2 [Handling run-time updates in distributed applications](#)

Marco Milazzo, Giuseppe Pappalardo, Emiliano Tramontana, Giuseppe Ursino

March 2005 SAC '05: Proceedings of the 2005 ACM symposium on Applied computing

Publisher: ACM

Full text available: [pdf\(264.18 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 22, Citation Count: 0

The server side of business software systems is commonly implemented today by an ensemble of Java classes distributed over several hosts. In this scenario, it is often necessary, for performance tuning or bug fixing, to update the code or change the ...

Keywords: [adaptation](#), [computational reflection](#), [distributed systems](#), [evolution](#), [runtime adaptation](#), [separation of concerns](#), [software evolution](#)


### 3 [Content personalization and adaptation for three-screen services](#)

Zhu Liu, David C. Gibbon, Harris Drucker, Andrea Basso

July 2008 CIVR '08: Proceedings of the 2008 international conference on Content-based image and video retrieval

Publisher: ACM

Ads

Full text available:  pdf(1.92 MB)

Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 0, Citation Count: 0

Three-screen services provide the right solution for consumers to access rich multimedia resources by any device, anytime and anywhere. In this paper, we describe a prototype system of content personalization and adaptation for three-screen services.

...

Keywords: content adaptation, content ingestion, content personalization, content processing, three-screen services

Rea  
Usir  
add:  
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#### 4 [A service management framework for M-commerce applications](#)

Gary Shih, Simon S. Y. Shim

June 2002 Mobile Networks and Applications, Volume 7 Issue 3

Publisher: Kluwer Academic Publishers

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Full text available:  pdf(550.12 KB)

Additional Information: full citation, abstract, references, cited by, index terms


Bibliometrics: Downloads (6 Weeks): 35, Downloads (12 Months): 245, Citation Count: 4

Mobile commerce (m-commerce) refers to an ability to conduct wireless commerce transactions using mobile applications in mobile devices. M-commerce applications can range from as simple as an address book synchronization to as complicated as credit card ...

Keywords: JINI, WAP, m-commerce, management, mobile devices

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Mac  
Data  
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#### 5 [A product line architecture for web applications](#)

 L. Balzerani, D. Di Ruscio, A. Pierantonio, G. De Angelis

March 2005 SAC '05: Proceedings of the 2005 ACM symposium on Applied computing

Publisher: ACM

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Full text available:  pdf(195.20 KB)


Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 18, Downloads (12 Months): 92, Citation Count: 1

Increasingly, Web applications are used in similar environments to fulfill similar tasks. Sharing a common infrastructure and reusing assets to deploy recurrent services may be considered an advantage in terms of economic significance and overall quality. ...

Keywords: component-based systems, feature oriented domain analysis, product line architectures, reflection, variability determination, web applications

#### 6 [Intelligent analysis of user interactions with web applications](#)

 Laila Paganelli, Fabio Paternò

January 2002 IUI '02: Proceedings of the 7th international conference on Intelligent user interfaces

Publisher: ACM

Full text available:  pdf(761.23 KB)

Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 116, Citation Count: 5

In this paper, we describe a tool able to perform intelligent analysis of Web browser logs using the information contained in the task model of the application. We show how this approach supports remote usability evaluation of Web sites.

Keywords: remote evaluation, task models, tools, usability

7 Specification and dynamic introduction of 3rd party, service-specific adaptation policies for mobile applications

Nikos Houssos, Nancy Alonistioti, Lazaros Merakos

August 2005 Mobile Networks and Applications, Volume 10 Issue 4

Publisher: Kluwer Academic Publishers

Full text available:  pdf(3.42 MB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 104, Citation Count: 0

The development, delivery and management of mobile services are the subject of many research activities in both the academia and industry. The ultimate goal of these efforts is a dynamic environment that enables the delivery of situation-aware, personalised ...

Keywords: adaptation, mobile services, mobile systems beyond 3G, policies, reconfigurability

8 The methodology and an application to fight against Unicode attacks



Anthony Y. Fu, Xiaotie Deng, Liu Wenyin, Greg Little

July 2006 SOUPS '06: Proceedings of the second symposium on Usable privacy and security

Publisher: ACM

Full text available:  pdf(453.95 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 106, Citation Count: 0

Unicode is becoming a dominant character representation format for information processing. This presents a very dangerous usability and security problem for many applications. The problem arises because many characters in the UCS (Universal Character ...

Keywords: Unicode, phishing, secure web identity, spam

9 Experiences in developing a typical web/database application



J.-P. Rosen

March 2004 ACM SIGAda Ada Letters, Volume XXIV Issue 1

Publisher: ACM

Full text available:  pdf(337.61 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 90, Citation Count: 0

This paper describes Gesem, an application developed internally by Adalog for managing the registration to its training sessions. The application features a Web interface that uses AWS, an interface to the MySQL DBMS (over ODBC), and a local interface ...

Keywords: AWS, Ada, GTK, data-base, design patterns, web server


10 Linux and open-source applications

Peter Jones, M. B. Jorgenson

February 2000 Linux Journal, Volume 2000 Issue 70es

Publisher: Specialized Systems Consultants, Inc.

Full text available: Additional Information:

 [bimlj\(20.48 KB\)](#)

[full citation, abstract, references, index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 35, Citation Count: 0

The building blocks for a secu


11 [How DRM-based content delivery systems disrupt expectations of "personal use"](#)



Deirdre K. Mulligan, John Han, Aaron J. Burstein

October 2003 DRM '03: Proceedings of the 3rd ACM workshop on Digital rights management

Publisher: ACM

Full text available:  [pdf\(416.66 KB\)](#) [Additional Information: full citation, abstract, references, cited by, index terms, review](#)

Bibliometrics: Downloads (6 Weeks): 42, Downloads (12 Months): 411, Citation Count: 5

We set out to examine whether current, DRM-based online offerings of music and movies accord with consumers' current expectations regarding the personal use of copyrighted works by studying the behavior of six music, and two film online distribution ...

Keywords: access control, content distribution, copyright, digital rights management, fair use, personal use, privacy

12 [Fine grained content-based adaptation mechanism for providing high end-user](#)



quality of experience with adaptive hypermedia systems

Cristina Hava Muntean, Jennifer McManis

May 2006 WWW '06: Proceedings of the 15th international conference on World Wide Web

Publisher: ACM

Full text available:  [pdf\(166.49 KB\)](#) [Additional Information: full citation, abstract, references, index terms](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 121, Citation Count: 0

New communication technologies can enable Web users to access personalised information "anytime, anywhere". However, the network environments allowing this "anytime, anywhere" access may have widely varying performance characteristics such ...


Keywords: adaptive hypermedia, content-based adaptation mechanism, distance education, end-user quality of experience

13 [Some Trends in Web Application Development](#)

Mehdi Jazayeri

May 2007 FOSE '07: 2007 Future of Software Engineering

Publisher: IEEE Computer Society

Full text available:  [pdf\(172.29 KB\)](#) [Additional Information: full citation, abstract, references, cited by, index terms](#)

Bibliometrics: Downloads (6 Weeks): 224, Downloads (12 Months): 1744, Citation Count: 2

A Web application is an application that is invoked with a Web browser over the Internet. Ever since 1994 when the Internet became available to the public and especially in 1995 when the World Wide Web put a usable face on the Internet, the Internet ...

14 [Introduction of the asymmetric cryptography in GSM, GPRS, UMTS, and its public key infrastructure integration](#)

Constantinos F. Grecas, Sotirios I. Maniatis, Iakovos S. Venieris

April 2003 Mobile Networks and Applications, Volume 8 Issue 2

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(107.24 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 238, Citation Count: 1

The logic ruling the user and network authentication as well as the data ciphering in the GSM architecture is characterized, regarding the transferring of the parameters employed in these processes, by transactions between three nodes of the system, ...


Keywords: PKIs, PLMNs, asymmetric cryptography

15 [Experiences with network-based user agents for mobile applications](#)

Thomas F. La Porta, Thomas Woo, Krishan K. Sabnani, Ramachandran Ramjee

August 1998 Mobile Networks and Applications, Volume 3 Issue 2

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(631.57 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 66, Citation Count: 2

Wireless networks are characterized by simple end devices and limited bandwidth. One solution to address these and other limitations of the wireless mobile environment that has been widely pursued is the placement of proxies, or agents, inside the network ...

16 [Experiences in developing a typical web/database application](#)



J.-P. Rosen

December 2003 SigAda '03: Proceedings of the 2003 annual ACM SIGAda international conference on Ada: the engineering of correct and reliable software for real-time & distributed systems using ada and related technologies

Publisher: ACM

Full text available:  [pdf\(337.61 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 90, Citation Count: 0

This paper describes Gesem, an application developed internally by Adalog for managing the registration to its training sessions. The application features a Web interface that uses AWS, an interface to the MySQL DBMS (over ODBC), and a local interface ...

Keywords: AWS, Ada, GTK, data-base, design patterns, web server

17 [Public key superstructure "it's PKI Jim, but not as we know it!"](#)



Stephen Wilson

March 2008 IDTrust '08: Proceedings of the 7th symposium on Identity and trust on the Internet

Publisher: ACM


Full text available:  [pdf\(684.67 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 29, Citation Count: 0

While PKI has had its difficulties (like most new technologies) the unique value of public key authentication in paperless transactions is now widely acknowledged. The naive early vision of a single all-purpose identity system has given way to a ...

Keywords: PKI, authentication, digital certificates, public key infrastructure

18 Making joining easy: case of an entertainment club website

 Dena Fletcher, Annette Brookman

April 2002 CHI '02: Case studies of the CHI2002|AIGA Experience Design FORUM

Publisher: ACM

Full text available:  pdf(529.06 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 32, Citation Count: 0

The goal of this project was to design a site that would make the online process of joining the Columbia House Music or DVD club faster and easier. Faced with low conversion rates from online advertising, our challenge was to quickly solve the main problems ...

Keywords: check-out process, interaction design, joining club, marketing, music club, performance metrics, registration process, shopping cart, usability testing, user experience, user interface, user research, user testing, visual design, visual systems, website

19 A mobile bazaar for wide-area wireless services

Rajiv Chakravorty, Sulabh Agarwal, Suman Banerjee, Ian Pratt

December 2007 Wireless Networks, Volume 13 Issue 6

Publisher: Kluwer Academic Publishers


Full text available:  pdf(791.59 KB) Additional Information: full citation, abstract, references, index terms

Bibliometrics: Downloads (6 Weeks): 38, Downloads (12 Months): 94, Citation Count: 0

We introduce MoB, an infrastructure for collaborative wide-area wireless data services. MoB proposes to change the current model of data services in the following fundamental ways: (1) it decouples infrastructure providers from services providers and ...


Keywords: ad-hoc, applications, bazaar, reputation, services, wireless wide-area networks (WWANs)

20 Information technology fluency in practice

 John P. Dougherty, Tom Dececchi, Tony Clear, Brad Richards, Stephen Cooper, Tadeusz Wilusz

June 2002 ITICSE-WGR '02: Working group reports from ITICSE on Innovation and technology in computer science education

Publisher: ACM

Full text available:  pdf(360.69 KB) Additional Information: full citation, abstract, references, cited by, index terms

Bibliometrics: Downloads (6 Weeks): 34, Downloads (12 Months): 194, Citation Count: 2

Recent work has stressed the importance of fluency with information technology (IT) in the modern world. This report presents a set of context profiles that detail courses and programs to realize increased IT fluency across a small sampling of academic ...





Keywords: FITness, IT concepts, IT fluency, computer applications, context profiles, education, intellectual capabilities, non-majors

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